Errata for *Relevant Logic*

by Stephen Read

October 10, 2007

p. 22, lines 15-18	*for*	if P is true ... Equivalence,	*read*	if 'if P then Q' is true and P is true, then Q is true too. Since by hypothesis, Q is false, it follows that
p. 26, n. 4 line 1	*for*	thruth	*read*	truth
p. 30, n. 8	*for*	Hack	*read*	Haack
p. 31, line 2	*for*	'$\sim$ P $\vee$ Q'	*read*	P and '$\sim$ P $\vee$ Q'
p. 39, line 6	*for*	B follows from 'A & B'	*read*	B follows from A and (&) B
p. 43 footnote 8	*for*	(9)—(4)	*read*	(9), (4)
p. 52 line 6	*for*	presentation	*read*	of presentation
p. 60: *on diagram*,	*add*	C	*to*	*line between* **TW** and **RW**
p. 61, line 4	*for*	designing	*read*	designating
p. 62, last line	*for*	4.3 (ii)	*read*	4.3 (i)
p. 63, last line	*for*	4.3 (i)	*read*	4.3 (ii)
p. 70, line 16	*for*	4.5	*read*	4.6 (ii)
p. 74, line 20	*for*	B	*read*	$\sim$ B
p. 74, line 21	*for*	$\sim$ B	*read*	B
p. 75, line 30	*for*	$\sim \mathsf{cf}(\mathsf{X}')$	*read*	$\sim ((\mathsf{f} \to \mathsf{f}) \times \mathsf{cf}(\mathsf{X}'))$
p. 75, line 36	*for*	cf(X')	*read*	$((\mathsf{f} \to \mathsf{f}) \times \mathsf{cf}(\mathsf{X}'))$
p. 76, line -2	*for*	4.27	*read*	4.28
p. 77, line 9	*for*	X;Y	*read*	X,Y

pp. 77-8 Proposition 4.30 The proof of 4.30 is a perfectly correct proof. However, note that the derivation of (15) from (11) is unnecessarily devious—(15) follows from (11) by steps of EK (twice) and EC. (In the proof given, the wff A $\to$ B at line (12) is a ''so-called" maximal formula which the suggested emendation removes.)

p. 83, line 32	*for*	wff	*read*	wff and bunch
p. 87, line 18	*for*	$X' \vdash A$	*read*	$X' \models A$
and line 19	*for*	$X \vdash A$	*read*	$X \models A$
p. 90, line 1 up	*for*	Prop 5.5	*read*	Prop 5.4
p. 93, line 2 up	*for*	$v(X \circ Y)$	*read*	$v(X \circ Y, \mathbf{a})$
p. 94, line 2	*for*	$v(X \circ Y, a)$	*read*	$v(X \circ Y, x)$
p. 97, line 5	*for*	$\mathbf{a} \leq \mathbf{b}$ & $\mathbf{b} \leq \mathbf{a} \Rightarrow \mathbf{a} \leq \mathbf{c}$	*read*	$\mathbf{a} \leq \mathbf{b}$ & $\mathbf{b} \leq \mathbf{c} \Rightarrow \mathbf{a} \leq \mathbf{c}$
and line 14	*for*	Corollary 4.6	*read*	Corollary 4.6 (iii)
p. 104, last line	*for*	Y - {B} '' W	*read*	$Y - \{B\} \cup W$
p. 107, last line of Proof	*insert*	$Z(\mathsf{cf}\ X') \vdash A$ by 4.6 (ii)	*before*	so
p. 108 lines 13 and 24	*for*	Lemma 6 (ii)	*read*	Lemma 6 (iii)
and line 16	*for*	C	*read*	**c**
p. 109, line 5 up	*insert*	by Lemma 6 (iii)	*before*	whence
p. 110, lines 10 of proof of (v)	*for*	$\mathbf{c} \vdash$	*read*	$C \vdash$
p. 114, line 3 up	*for*	hold	*read*	hold iff
p. 120, line 8	*for*	conection	*read*	connection
p. 133, lines 9-10	*for*	neither A fuse 'not-B' nor B fuse 'not-A' can both be true	*read*	A fuse 'not-B' and (&) B fuse 'not-A' cannot both be true
p. 133, lines 16-17	*for*	neither A fuse 'not-B' nor B fuse 'not-A' are both true	*read*	A fuse 'not-B' and (&) B fuse 'not-A' are not both true
p. 133, line 33	*for*	'$\sim \diamond$(A & B'	*read*	'$\diamond$(A & B'
p. 138, line 11	*for*	invalid	*read*	valid
p. 181, line 6	*for*	'NA'	*read*	'$\sim$NA'
p. 183, line 26	*for*	NE	*read*	&E
p. 183, line 2 up	*for*	Z,X,N(A&B):NC	*read*	Z,X,ND:NC